

COMPLETENESS OF COMPUTER LABORATORY FACILITIES AND THE INFLUENCE OF LEARNING MOTIVATION FOR ACHIEVEMENT KKPI SUBJECT TENTH GRADE STUDENTS SMK NEGERI 5 YOGYAKARTA

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ABSTRACT

The purpose of this research is to find out (1) completeness of computer laboratory facilities, (2) learning motivation, (3) academic achievement, (4) the influence of learning motivation with academic achievement for KKPI subject tenth grade students in SMK N 5 Yogyakarta.

This research is a descriptive correlational Expost Facto research with quantitative approach. The population of this research are tenth grade students of KKPI subject with data collection techniques using Proporsional Random Sampling. Data collection methods for Completeness of Computer Laboratory facilities and learning motivation variable using a questionnaire with Likert scale model, while for the academic achievement variable using documentation score of the practice exams in KKPI subject. The validity of the research instrument was tested by three experts (expert judgment) calculated with the Pearson Product Moment Correlation formula. Reliability of the instrument was calculated using Alpha Cronbach formula. Data analysis techniques for the formulation of the problem 1, 2, and 3 using descriptive analysis, while the formulation of the problem 4 or hypothesis 1 using simple regression analysis.

The results showed that the Completeness of Computer Laboratory Facilities for KKPI subjects tenth grade students in SMK N 5 Yogyakarta that qualified with Permendiknas No. 40 of 2008 are the teacher's desk, teacher's chair, whiteboard, LCD, printers, scanners, access points, indoor air , contact boxes, bins, size whiteboard, application software and textbooks. While the things that not not fulfilled are computer, stabilizier, student desks, student chairs, the number of LAN and clocks. Learning motivation of tenth grade students of SMK N 5 Yogyakarta in the medium category at 52.99%, lower category at 27.19%, higher category at 19.82%. Learning Achievement tenth grades students of SMK N 5 Yogyakarta in the medium category at 46.54%, lower by 36.87% category, higher category at 16.59%. There is a positive and significant association between the Achievement Motivation KKPI subjects of the tenth grade students are indicated by the price of the correlation coefficient (R) 0.958 and the coefficient of determination (R^2) of 0.918.

Keywords: Completeness of Computer Laboratory Facilities, Learning Motivation, Achievement